

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 1256-01083	Appl. No.: 10/544,163
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Hector F. DeLuca et al	
		Filing Date July 29, 2005	Group Art Unit 1616

U.S. PATENT DOCUMENTS				
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
SLA	US 2002/0087015 A1	04/28/2005	DeLuca et al	
	US 4,666,634	05/19/1987	Miyamoto et al	
	US 5,086,191	02/04/1992	DeLuca et al	
	US 5,237,110	08/17/1993	DeLuca et al	
	US 5,246,925	09/21/1993	DeLuca et al	
	US 5,428,029	06/27/1995	Doran et al	
	US 5,484,782	01/16/1996	DeLuca et al	
	US 5,536,713	06/16/1996	DeLuca et al	
	US 5,587,497	12/24/1996	DeLuca et al	
	US 5,817,648	10/06/1998	Kutner et al	
	US 5,843,927	12/01/1998	DeLuca et al	
	US 5,843,928	12/01/1998	DeLuca et al	
	US 5,877,168	03/02/1999	Miyamoto et al	
	US 5,936,133	08/10/1999	DeLuca et al	
	US 5,945,410	08/31/1999	DeLuca et al	
	US 6,392,071	05/21/2002	DeLuca et al	
SON				

FOREIGN PATENT DOCUMENTS					
	DOCUMENT NUMBER	DATE	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
SON	EP 0078704	04-29-1987	Hesse		
I	EP 0184206	12-04-1985	Miyamoto et al		
I	EP 0387077	09-03-1990	DeLuca et al		
SLA	EP 0474517	11-03-1992	DeLuca		

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SC2	EP 0480572	04-15-1992	DeLuca		
1	EP 0516410	12-02-1992	DeLuca et al		
	WO 90/09991	09-07-1990	Calverley et al		
	WO 96/01811	01-25-1996	Posner		
	WO 98/41500	09-24-1998	DeLuca		
SC2					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)					
SC2		Baggiolini et al, "Stereochemical Total Synthesis of 1 α ,25-Dihydroxycholecalciferol and 1 β ,25-Dihydroxyerocalciferol", Journal of Organic Chemistry, 51, pp. 3098-3108, 1986.			
		Bouillon et al, "Biological Activity of Dihydroxylated 19-Nor-(Pre)Vitamin D ₃ ", Bioactivity of 19-Nor-Pre D, Vol. 8, No. 8, pp. 1009-1015, 1993.			
		Chemical Abstracts, "Chemistry of Synthetic High Polymers", Vol. 110, No. 10, Abstract 110: 82505v, March 6, 1989.			
		Chemical Abstracts, XP-002066055, Vol. 121, No. 21, November 21, 1994.			
		Fujishima et al, "Synthesis and Biological Activity of 2-Methyl-20-EPI Analogues of 1 α ,25-Dihydroxyvitamin D ₃ ", Bioorganic & Medicinal Chemistry Letters, 8, pp. 2145-2148, 1998.			
		Kiegiel et al, "Chemical Conversion of Vitamin D ₃ to its 1,25-Dihydroxy Metabolite", Tetrahedron Letters, Vol. 31, No. 43, pp. 6057-60660, 1991.			
		Konno et al, "A Novel and Practical Route to A-Ring Enyne Synthons for 1 α ,25-Dihydroxyvitamin D ₃ Analogs: Synthesis of A-ring Diastereomers of 1 α ,25-Dihydroxy-Vitamin D ₃ and 2-Methyl-1,25-Dihydroxyvitamin D ₃ ", Bioorganic & Medicinal Chemistry Letters, 8, pp. 151-156, 1998.			
		Okano et al, "Regulatory Activities of 2 β -(3-Hydroxypropoxy)-1 α ,25-Dihydroxyvitamin D ₃ . A Novel Synthetic Vitamin D ₃ Derivative on Calcium Metabolism", Biochemical and Biophysical Research Communications, Vol. 163, No. 3, pp. 1444-1449, September 29, 1989.			
SC2		Perlman et al, "1 α ,25-Dihydroxy-19-Nor-Vitamin D ₃ . A Novel Vitamin D-Related Compound with Potential Therapeutic Activity", Tetrahedron Letters, Vol. 31, No. 13, pp. 1823-1824, February 1990.			

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5023	Posner et al, "2-Fluoroalkyl A-Ring Analogs of 1,25-Dihydroxyvitamin D ₃ -Stereocontrolled Total Synthesis via Intramolecular and Intermolecular Diels-Alder Cycloadditions. Preliminary Biological Testing", Journal of Organic Chemistry, 60, pp. 4617-4628, 1995.
	Posner et al, "Stereocontrolled Synthesis of a Trihydroxylated A Ring as an Immediate Precursor to 1 α ,2 α ,25-Trihydroxyvitamin D ₃ ", Journal of Organic Chemistry, 56, pp. 4339-4341, April 15, 1995.
	Sarandeses et al, "Synthesis of 1 α ,25-Dihydroxy-19-Norprevitamin D ₃ ", Tetrahedron Letters, pp. 5445-5448, April 1992.
	Sicinski et al, "New 1 α ,25-Dihydroxy-19-Norvitamin D ₃ Compounds of High Biological Activity: Synthesis and Biological Evaluation of 2-Hydroxymethyl, 2-Methyl, and 2-Methylene Analogues," Journal of Medical Chemistry, 41, pp. 4662-4674, 1998.
	Slatopolsky et al, "A New Analog of Calcitriol, 19-Nor-1,25-(OH) ₂ D ₂ Suppresses Parathyroid Hormone Secretion in Uremic Rats in the Absence of Hypercalcemia", American Journal of Kidney Disorders, 26(5), 832-60, 1995.
5023	Suhara et al, "Synthesis and Biological Evaluation of Novel 2 α -Substituted 1 α ,25-Dihydroxyvitamin D ₃ Analogues," Biorganic & Medicinal Chemistry Letters, 10, pp. 1129-1132, March 16, 2000.

EXAMINER	SABHA QAZI	DATE CONSIDERED	12/7/06
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to client.			